



**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS**

the specification of which \_\_\_ is attached hereto x was filed internationally on February 9, 2000, as Application Serial No. 09/914,454 (IA PCT/IB00/00176), and was amended on \_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>
US00/0176	PCT	February 26, 1999	X	


I hereby claim the benefit under Title 35, United States Code, §120 and/or §119(e) of any United States application(s) and/or provisional applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>
60/121,792	February 26, 1999	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are

punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

100  
Full name of first inventor Guido Grandi

Inventor's signature  Date 7/11/01

Residence Milan, Italy ITX

Citizenship Italy

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

200  
Full name of sole or second inventor Rino Rappuoli

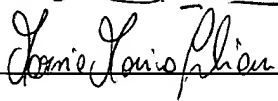
Inventor's signature  Date 7/11/01

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Citizenship Italy

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300  
Full name of third inventor Marzia M. Giuliani

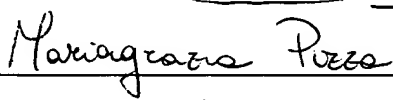
Inventor's signature  Date 9/11/01

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400  
Full name of sole or fourth inventor Mariagrazia Pizza

Inventor's signature  Date 8/11/01

Residence Siena, Italy ITX

Citizenship Italy



JC07 Re PCT/PTO 14 JAN 2002

Atty Dkt. No. 1591.101

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I hereby certify that this document is being deposited with the United States Postal Service as first class mail in an envelope addressed: BOX MISSING PARTS, Assistant Commissioner of Patent and Trademarks, Washington, D.C. 20231 on November 28, 2001.

Gyne Riser  
Gyne Riser

Nov. 28, 2001  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

GUIDO GRANDI et al.

Serial No.: 09/914,454 (I.A. PCT/IB00/00176)      Group Art: Unassigned  
Int. Filed: February 9, 2000      Examiner: Unassigned  
For : ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA  
ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS

**POWER OF ATTORNEY**

Assistant Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.36, Chiron Corporation, the Assignee of the above-identified patent application hereby appoints the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

Lisa A. Alexander - Reg. No. 41,576  
Robert P. Blackburn - Reg. No. 30,447  
Anne S. Dollard - Reg. No. 43,935  
Joseph H. Guth - Reg. No. 31,261  
Rebecca M. Hale - Reg. No. 45,680  
Alisa A. Harbin - Reg. No. 33,895  
Charlene A. Launer - Reg. No. 33,035

David P. Lentini - Reg. No. 33,944  
Kimberlin L. Morley - Reg. No. 35,391  
Roberta L. Robins - Reg. No. 33,208  
Gary R. Fabian - Reg. No. 33,875  
Dahna Pasternak - Reg. No. 41,411  
Cathleen M. Rocco - Reg. No. 46,172

Please direct all correspondence and telephone calls regarding this application to the following:

Chiron Corporation  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, CA 94662-8097  
(510) 923-2708

CHIRON CORPORATION

Dated: 11/28/01

By:

Alisa A. Harbin  
Alisa A. Harbin  
Assistant Secretary

**ASSIGNMENT**

**WHEREAS, WE, GUIDO GRANDI, RINO RAPPUOLI, MARZIA M. GIULIANI  
AND MARIAGRAZIA PIZZA**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful  
improvements as described and set forth in the below-identified application for United  
States Letters Patent:

Title of Invention: **ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA  
ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG  
MOTIFS**

Date of Execution:

I.A. Filing Date: 02/09/00

Serial No: 09/914,454 (I.A. PCT/IB00/00176)

**WHEREAS, CHIRON S.p.A. of Via Fiorentina 1, I-53100, Siena, ITALY, hereinafter  
referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the  
above invention and application and in any Letters Patent which may be granted on the  
same;**

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that, for and  
in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by  
**ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned  
and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**,  
and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said  
invention, said application for United States Letters Patent, and any Letters Patent which  
may hereafter be granted on the same in the United States and all countries throughout the  
world including any divisions, renewals, continuations in whole or in part, substitutions,  
conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues,  
prolongations or extensions thereof, the said interest to be held and enjoyed by said  
**ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said

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ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

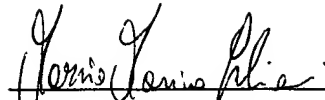
IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their name to this assignment on the dates indicated below.

DATE 7/11/01 Guido Grandi  
Witness Etherine Nollis  
Witness

DATE 7/11/01 Rino Rappuoli  
Witness Etherine Nollis  
Witness

DATE

9/11/01

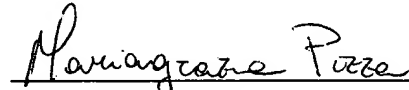
  
Marzia M. Giuliani

  
Witness

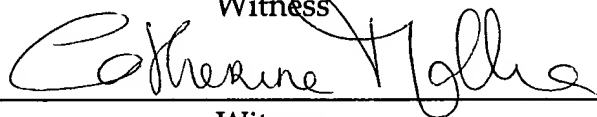
  
Witness

DATE

8/11/01

  
Mariagrazia Pizza

  
Witness

  
Witness